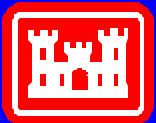


U.S. Army Corps of Engineers Sustainable Design Program

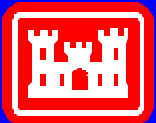
**Harry Goradia/703-428-6460
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**US Army Corps
of Engineers**

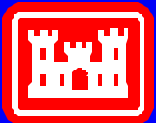
Purpose

- What does it mean
- what has been done so far
- what is in the works
- Where do we go from here
- Issues



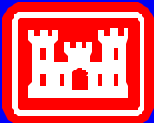
What Does That Mean In The Army?

- Integrated team approach to design
- Starts early in the planning stage, get DPWs and MACOMs involved early.
- Life cycle of the facility.



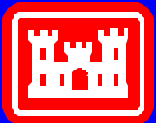
What Have We Done So Far

- Over 110 technical Guidance/criteria have been revised.
- Other design criteria are being revised as needed.
- Tri-service training workshop.
- A/E selection guidance.
- ETL 1110-3-491 revised



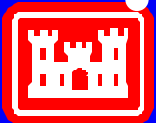
What Have We Done So Far

- Developed SPiRiT
- Workshops conducted at 10 Districts.
- ACSIM/USACE technology panel.



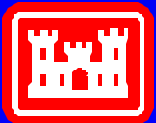
In The Works

- Conduct workshops at remaining Districts this FY.
- Working with U.S. green Building Council to develop military specific rating scheme like SPiRiT.
- Require all new designs to meet SPiRiT Bronze category.
- Tri-service group.



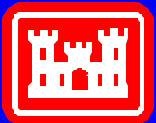
Where do we go from here

- FY 01 Congressional inserts to require addressing sustainability
- All projects FY 02 and beyond to strive to achieve Bronze level of SPiRiT.
- FY 03-05 technology showcase projects.
- Have DoD-wide rating tool.

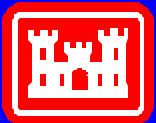
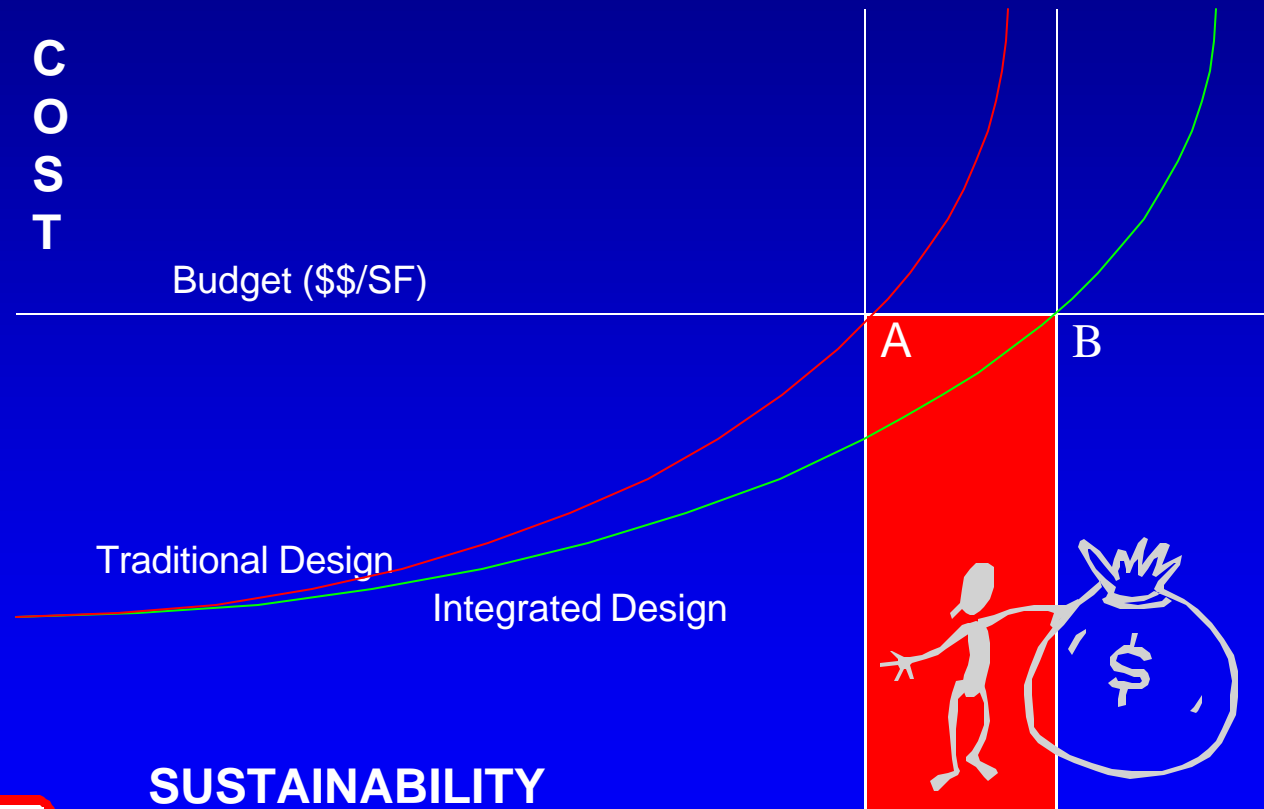


Issues

- First cost vs. life cycle cost.
- OMA vs. MILCON
- Design cost.
- Certification.
- Conflicting requirements
- How to



Cost and Integrated Design



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